## PATENT APPLICATION

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

# ATTORNEY DOCKET NO. MSFT-0307

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as st

I believe I am the origin	e address a al. first and	itu Citizerisiup are I sole inventor (it	as stated	below next to	my name;	
plural names are listed	below) of	the subject matte	orny one	is claimed and	t below) or an original	al, first and joint inventor (if t is sought on the invention
entitled: SYSTEM Al	ND METH	ODS FOR PRO	VIDING		I for which a patent	t is sought on the invention  IN A HIGH PRECISION
RASTERIZATION PIPE	LINE	SSS TOR TRO	VIDING	III31OGKAW	COMPUTATION	IN A HIGH PRECISION
the specification of which	—— h is attache	d hereto unless th	e followi	ng hoy is shoot	rad.	
() was filed on		as US App	lication S	erial No. or PC	keu: T International Appl	ı. ,.
rvumber		and was amo	ndad an		/	
I hereby state that I have	reviewed	and understood t	he conten	te of the above	a idametra i a concer	tion, including the claims, as
amended by any amend	lment(s) re	ferred to above	I acknow	ledge the duty	to disclose all info	tion, including the claims, as rmation which is material to
patentability as defined i	in 37 ČÉR 1	.56.	- 46241011	reage the day	v to disclose all infor	mation which is material to
Foreign Application(s) and/or	Claim of For	eign Priority				
I hereby claim foreign priority	benefits unde	er Title 35, United Sta	tes Code Sec	ction 119 of any fo	reign application(s) for pa	atent or inventor(s) certificate listed
which priority is claimed:	ed below any	foreign application f	or patent or	r inventor(s) certi	ficate having a filing date	atent or inventor(s) certificate listed e before that of the application on
COUNTRY						
COUNTRY	APPLICA	TION NUMBER	DA	TE FILED	PRIORITY CLAIN	MED UNDER 35 U.S.C. 119
					YES:	: NO:
Provisional Application		<u> </u>			YES:	: NO:
I hereby claim the benefit under	er Title 35. Un	ited States Code Section	on 110(a) of	any United Ctates		
America America America America		Code Section	on 119(e) or	any Office States	provisional application(s	) listed below:
	AP	PLICATION SERIAL	NUMBER	EII	ING DATE	
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U.S. Priority Claim	L					
I hereby claim the benefit unde	er Title 35, Un	ited States Code, Sect	ion 120 of a	ny United States	annlication(s) listed hele-	v and, insofar as the subject matter
of each of the claims of this ap	plication is r	ot disclosed in the p	rior United	States application	in the manner provided	v and, insofar as the subject matter by the first paragraph of Title 35,
which occurred between the file	ing date of the	ge the duty to disclose prior application and	e material is	nformation as def	ined in Title 37, Code of F	by the first paragraph of Title 35, Federal Regulations, Section 1.56(a)
		- Prior application the	a the hattori	at of PC1 litterna	donal filing date of this ap	plication:
APPLICATION SERIAL N	NUMBER	FILING	DATE		STATUS(patented/per	nding (about 1)
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PÓWER OF ATTORNEY: As a named inventor. I hereby	annaint tha f	allanuin a ti	• .			
Patent and Trademark Office co	appoint the n	onowing attorney(s) a	ind/or agen	it(s) listed below t	to prosecute this application	ion and transact all business in the
Katie E. Sako, Reg. No. 326	528 Dan	iel D. Crouse, Reg. N	o. 32022			
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Send Correspondence to: Direct Telephone Calls To: Thomas E. Watson Thomas E. Watson WOODCOCK WASHBURN KURTZ (206) 332-1380 MACKIEWICZ & NORRIS LLP One Liberty Place - 46th Floor Philadelphia PA 19103

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Nicholas P. Wilt

Citizenship: United States of America

Residence: Seattle, Washington

Post Office Address: 1612 - 34th Avenue, Seattle, WA 98122

Inventor's Signature

17 Sep 2001

#### PATENT APPLICATION

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DECLARATION AND PO FOR PATENT APPLICAT		TORNEY		AT.	TORNEY DOCKET N	O. <u>MSFT-0307</u>	
As a below named inven	tor, I hereby	declare that:					
My residence/post office							
believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if							
1						is sought on the invention	
		DS FOR PROV	VIDING_HI	STOGRAM	COMPUTATION	IN A HIGH PRECISION	
<u>RASTERIZATION PIPEI</u>					_		
the specification of which	n is attached	hereto unless the	e following	box is checke	ed:		
() was filed on		as US Appl	ication Seria	il No. or PCI	International Appl	ication	
Number		and was amer	nded on		(if applicable).		
I hereby state that I have	reviewed a	nd understood t	he contents	of the above-	identified specificat	tion, including the claims, as	
			l acknowled	ige the duty	to disclose all infor	mation which is material to	
patentability as defined i	in 37 CFR 1.5	o6.					
Foreign Application(s) and/or			C- d- Cii-	- 110 -£ £		stant an imprometantal acutificate listed	
I hereby claim foreign priority	benefits under	Title 35, United Stat	es Code Section	n 119 or any for ventor(s) certifi	eign application(s) for pa cate having a filing date	atent or inventor(s) certificate listed e before that of the application on	
which priority is claimed:	a below any n	oreign application is	or patent or in	vertion(b) certain	icute inivities a iming and	before that of the apparential of	
COUNTRY	APPLICAT	TON NUMBER	DATE	FILED	PRIORITY CLAIN	TY CLAIMED UNDER 35 U.S.C. 119	
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prints:			L		YES	: NO:	
Provisional Application I hereby claim the benefit under	er Title 35. Unit	ed States Code Secti	on 119(e) of an	v United States	provisional application(s	s) listed below:	
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### 1	API	LICATION SERIAL	NUMBER .	FILING DATE			
Section 1							
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2 Bro							
U.S. Priority Claim	ler Title 35. Uni	ted States Code, Sec	tion 120 of any	United States	application(s) listed belo	w and, insofar as the subject matter	
of each of the claims of this a	polication is n	ot disclosed in the r	prior United St	ates applicatior	n in the manner provided	d by the first paragraph of Title 35,	
United States Code Section 11 which occurred between the fi	2, I acknowled	ge the duty to disclo	se material info	ormation as defi	ined in Title 37, Code of this a	Federal Regulations, Section 1.56(a)	
which occurred between the n	imig date of the	prior application at	id the national	of I CI Internat	norm riming dute of dus d	ppication.	
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POWER OF ATTORNEY:		** * ()	11	·	4	the send to send the send of the	
As a named inventor, I hereb Patent and Trademark Office	y appoint the t	ollowing attorney(s)	and/or agent	s) listed below	to prosecute trus applica	tion and transact all business in the	
ratent and mademark Office	confiected there	-Willia					
Katie E. Sako, Reg. No. 3	2628 Dan	Daniel D. Crouse, Reg. No. 32022					
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Send Correspondence to:	hitani i Williams	On the control of the	250 (Process S.)	3 (17 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	"Direct Telenkone	Calleda	
Thomas E. Watson WOODCOCK WASHI MACKIEWICZ & NO One Liberty Place - 46th Philadelphia PA, 19103				Control Market	Direct Telephone Thomas F Watson		
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WOODCOCK WASH	BURN KUR	<b>Z</b>	To a Sample 78 -		(206) 332-1380		
MACKIEWICZ & NO	RRIS LLP					Description of the second of t	
One Liberty Place - 46th	i Floor						
Philadelphia PA 19103	STATE		Service of the service of	Control of the second	Siring Street Street	and the state of t	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Nicholas P. Wilt

Citizenship: United States of America

Residence: Seattle, Washington

Post Office Address: 1612 - 34th Avenue, Seattle, WA 98122

Inventor's Signature

Date

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Nicolas Wilt

Serial No.: Not yet assigned Group Art Unit: Not yet assigned

Filed: Herewith Examiner: Not yet assigned

For: SYSTEM AND METHODS FOR PROVIDING HISTOGRAM COMPUTATION IN A HIGH

PRECISION RASTERIZATION DATA PIPELINE

Commissioner for Patents Washington DC 20231

Sir:

### ASSOCIATE POWER OF ATTORNEY

The undersigned, of the firm WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

Richard E. Kurtz Dale M. Heist John W. Caldwell	Registration No. 19,263 Registration No. 28,425 Registration No. 28,937	Terence P. Strobaugh Michael J. Swope Michael J. Bonella	Registration No. 25,460 Registration No. 38,041 Registration No. 41,628
Gary H. Levin	Registration No. 28,734	Harold H. Fullmer	Registration No. 42,560
Steven J. Rocci	Registration No. 30,489	John E. McGlynn	Registration No. 42,863
Dianne B. Elderkin	Registration No. 28,598	Jonathan M. Waldman	Registration No. 40,861
John P. Donohue, Jr.	Registration No. 29,916	Paul K. Legaard	Registration No. 38,534
Henrik D. Parker	Registration No. 31,863	Chad Ziegler	Registration No. 44,273
Suzanne E. Miller	Registration No. 32,279	Gwilym J.O. Attwell	Registration No. 45,449
Lynn B. Morreale	Registration No. 32,842	David N. Farsiou	Registration No. 44,104
Mark DeLuca	Registration No. 33,229	Steven H. Meyer	Registration No. 37,189
Joseph Lucci	Registration No. 33,307	Paul B. Milcetic	Registration No. 46,261
Michael P. Dunnam	Registration No. 32,611	Joseph R. Condo	Registration No. 42,431
Michael D. Stein	Registration No. 34,734	Michael K. Jones	Registration No. 41,100
Albert J. Marcellino	Registration No. 34,664	Frank T. Carroll	Registration No. 42,392
David R. Bailey	Registration No. 35,057	Mark J. Rosen	Registration No. 39,822
Doreen Yatko Trujillo	Registration No. 35,719	Mitchell R. Brustein	Registration No. 38,394
Barbara L. Mullin	Registration No. 38,250	Eric H. Vance	Registration No. 47,151
Michael P. Straher	Registration No. 38,325	Peter M. Ullman	Registration No. 43,963
Kevin M. Flannery	Registration No. 35,871	Richard B. LeBlanc	Registration No. 39,495
David A. Cherry	Registration No. 35,099	Joseph D. Rossi	Registration No. 47,038
Robert B. Washburn	Registration No. 16,574	Rosaleen P. Morris	Registration No. 47,321
Norman L. Norris	Registration No. 24,196	George J. Awad	Registration No. 46,528
Lynn A. Malinoski	Registration No. 38,788	Steven D. Maslowski	Registration No. 46,905
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Gregory L. Hillyer	Registration No. 44,154	Emma R. Dailey	Registration No. P48,491
Susan C. Murphy	Registration No. 46,221	Stephen C. Timmins	Registration No. P48,481
Raymond N. Scott, Jr.	Registration No. P48,666	Erich M. Falke	Registration No. P49,049
David L. Marcus	Registration No. 46,897	Jane Smith Inglese	Registration No. P48,444

Registration No. 46,731

- 2 -

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP at the above address.

Date:

Christine A. Goddard

September 21, 2001

**DOCKET NO. MSFT-0307/15057.1** 

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Registration No. 43,243

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**PATENT**